Prof. ANIL ARAT

Personal Information

Email: anil.arat@hacettepe.edu.tr
Web: https://avesis.hacettepe.edu.tr/anil.arat

International Researcher IDs
ORCID: 0000-0001-7122-4675
ScopusID: 8512149700
Yoksis Researcher ID: 173573

Education Information

Post Doctorate of Medicine, Baylor College of Medicine, United States Of America 2001 - 2003
Post Doctorate of Medicine, Georgetown University, United States Of America 1999 - 2000
Expertise In Medicine, Hacettepe University, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, Turkey 1994 - 1999
Undergraduate, Hacettepe University, Tıp Fakültesi (İngilizce), Turkey 1988 - 1994

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **In vivo study of the utility of selective intra-arterial injection of thiopental for neuroprotection in reversible cerebral ischemia**
Gökten M., ÖCAL O., Sezer C., ZIRH S., MÜFTÜOĞLU S. F., Öcal E., BİLGİNER B., ARAT A.
Acta Radiologica, vol.65, no.1, pp.115-122, 2024 (SCI-Expanded)

II. **Effect of retrobulbar prostaglandin analog injection on orbital fat in rats**
COŞAN S., İNAM O., Kaya B., ATİLLA P., ÖCAL O., ARAT A., Karakaya J., ÖZKAN ARAT Y.
International Ophthalmology, vol.43, no.12, pp.4985-4990, 2023 (SCI-Expanded)

III. **Utility of flow diverters in treatment of acutely ruptured uncoilable aneurysms of the posterior circulation of the brain**
Batur H., Lynch J., Sayin B., Derakhshani S., Akmangit I., Daglioglu E., ARAT A.
Japanese Journal of Radiology, vol.41, no.8, pp.889-899, 2023 (SCI-Expanded)

IV. **Implications of serial magnetic resonance imaging in the management of a newborn with vein of Galen aneurysmal malformation and a review of the relevant literature**
AYKANAT A., BALCI S., KARLI OĞUZ H. K., ARAT A., YİĞİT Ş.
Turkish Journal of Pediatrics, vol.65, no.1, pp.118-123, 2023 (SCI-Expanded)

V. **Investigation into the ophthalmic artery and its branches by superselective angiography**
Aktas H., ERGUN K. M., TATAR İ., ARAT A., HAYRAN K. M.

INTERVENTIONAL NEURORADIOLOGY, vol.28, no.6, pp.737-745, 2022 (SCI-Expanded)

VI. **The role of choroidal optical coherence tomography for follow-up of carotid cavernous fistula with anterior drainage**
ÖZKAN ARAT Y., İNAM O., YAVAŞ G. F., ARAT A.
EYE, vol.36, no.10, pp.2020-2027, 2022 (SCI-Expanded)

VII. **Dual ophthalmic arteries: a new case**
Akdemir Aktaş H., Balcı S., Tatar İ., Varan A., Kıratlı H., Arat A.
SURGICAL AND RADIOLOGIC ANATOMY, vol.44, no.5, pp.721-725, 2022 (SCI-Expanded)

VIII. **Cortical Subarachnoid Hemorrhage in Behcet's Disease**
TOPÇUOĞLU M. A., ARSAVA E. M., BALCI S., ARAT A.
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES, vol.31, no.4, 2022 (SCI-Expanded)

IX. **Lateralized Periodic Discharges in a Patient With Dural Arteriovenous Fistula: SPECT and DWI Studies Suggest They are Ictal**
DERİCİOĞLU N., VOLKAN SALANCI B., GÖÇMEN R., ARAT A.
CLINICAL EEG AND NEUROSCIENCE, vol.53, no.2, pp.138-142, 2022 (SCI-Expanded)

X. **Exogenous Amylase Reverses Cerebral Ischemia Induced by Selective Intraarterial Injection of Degradable Starch Microspheres: An Angiographic and Histological Study in a Novel in Vivo Animal Model**
BAŞAR İ., HANALİOĞLU Ş., BAHADIR S., Isikay I., ATİLLA P., BİLGİNER B., ARAT A.
TURKISH NEUROSURGERY, vol.32, no.4, pp.667-672, 2022 (SCI-Expanded)

XI. **Dual Testing to Achieve Low On-treatment Platelet Reactivity for Aneurysm Embolization**
Batur H., Topcuoglu M. A., Balci S., Arsava E. M., Arat A.
CLINICAL NEURORADIOLOGY, vol.31, no.4, pp.1159-1165, 2021 (SCI-Expanded)

XII. **Dual Stenting with New-Generation Stents for Aneurysm Embolization in Acute Subarachnoid Hemorrhage**
Sayin B., Karaman A., Balci S., Akmangit' I., Daglioglu E., Arat A.
WORLD NEUROSURGERY, vol.154, 2021 (SCI-Expanded)

XIII. **Flow diverter stents in the treatment of recanalized intracranial aneurysms.**
Akgul E., Onan H. B., Islek I., Tonge M., Durmus Y., Barburoglu M., Azizova A., Erol C., Hakyemez B., Sencer S., et al.
Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences, vol.27, pp.481-489, 2021 (SCI-Expanded)

XIV. **Stroke Mechanism in COVID-19 Infection: A Prospective Case- Control Study**
Topcuoglu M. A., Pektezel M. Y., Oge D. D., Yuksel N. D. B., Ayvacioglu C., Demirel E., Balci S., Arat A., Akinci S. B., ARSAVA E. M.
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES, vol.30, no.8, 2021 (SCI-Expanded)

XV. **Propensity Score Analysis of Flow Diverters Placed in Scaffolding Stents**
Poker A., Öcal O., Öztürk E., Arat A.
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.42, no.6, pp.1093-1098, 2021 (SCI-Expanded)

XVI. **Characteristic imaging features of neurovascular involvement in primary Sneddon's syndrome: an analysis of 12 cases**
YILMAZ E., ARSAVA E. M., GÖÇMEN R., Oguz K. K., ARAT A., TOPÇUOĞLU M. A.
NEUROLOGICAL SCIENCES, vol.42, no.6, pp.2363-2369, 2021 (SCI-Expanded)

XVII. **Response to "Some observations over the article "Evaluation of the anastomoses between the ophthalmic artery and the middle meningeal artery by superselective angiography""**
AKDEMİR AKTAŞ H., ERGUN K. M., TATAR İ., ARAT A., HAYRAN K. M.
SURGICAL AND RADIOLOGIC ANATOMY, vol.43, no.3, pp.429-431, 2021 (SCI-Expanded)

XVIII. **Review of current intracranial aneurysm flow diversion technology and clinical use**
Dandapat S., Mendez-Ruiz A., Martinez-Galdamez M., Macho J., Derakhshani S., Foa Torres G., Pereira V. M., ARAT A., Wakhloo A. K., Ortega-Gutierrez S.
JOURNAL OF NEUROINTERVENTIONAL SURGERY, vol.13, no.1, pp.54-63, 2021 (SCI-Expanded)

XIX. **Intra-Arterial Melphalan and Topotecan Therapy for Retinoblastoma**

Bajin I. Y., Varan A., Koc I., Kiratli H., Arat A., Akyuz C.
PEDIATRIC BLOOD & CANCER, vol.67, 2020 (SCI-Expanded)

XX. **Evaluation of the anastomoses between the ophthalmic artery and the middle meningeal artery by superselective angiography**
AKDEMİR AKTAŞ H., ERGUN K. M., TATAR İ., Arat A., HAYRAN K. M.
SURGICAL AND RADIOLOGIC ANATOMY, vol.42, no.11, pp.1355-1361, 2020 (SCI-Expanded)

XXI. **Y-Stent-Assisted Coiling With Low-Profile Neuroform Atlas Stents for Endovascular Treatment of Wide-Necked Complex Intracranial Bifurcation Aneurysms**
AYDIN K., Balci S., Sencer S., BARBUROĞLU M., ÜMÜTLÜ M. R., ARAT A.
NEUROSURGERY, vol.87, no.4, pp.744-753, 2020 (SCI-Expanded)

XXII. **Relevance of Distal Arterial Collapse in Stenting of Atherosclerotic Near-Occlusion of the Carotid Artery.**
Cay F., Cil B. E., Balci S., Arsava E. M., Topcuoglu M. A., Arat A.
AJNR. American journal of neuroradiology, vol.41, no.6, pp.1054-1060, 2020 (SCI-Expanded)

XXIII. **The Experience of the Derivo (R) Embolisation Device in Intracranial Aneurysms**
Daglioglu E., Akmangit I., Acik V., Alagoz F., Sayin B., Uckun O. M., Belen A. D., ARAT A.
TURKISH NEUROSURGERY, vol.30, no.1, pp.30-37, 2020 (SCI-Expanded)

XXIV. **Unusual ophthalmic artery origin: Implications for intraarterial chemotherapy of retinoblastoma**
BALCI S., ARAT A.
INTERVENTIONAL NEURORADIOLOGY, vol.25, no.6, pp.638-643, 2019 (SCI-Expanded)

XXV. **Floating Aortic Thrombus: A Rare Cause of Acute Ischemic Stroke Necessitating Modification of Access Route for Thrombectomy**
BALCI S., ARSAVA E. M., TOPÇUOĞLU M. A., ARAT A.
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES, vol.28, no.11, 2019 (SCI-Expanded)

XXVI. **Placement of a Stent within a Flow Diverter Improves Aneurysm Occlusion Rates.**
Ocal O., Peker A., Balci S., Arat A.
AJNR. American journal of neuroradiology, vol.40, no.11, pp.1932-1938, 2019 (SCI-Expanded)

XXVII. **Retinal and Choroidal Optical Coherence Tomography Findings of Carotid Cavernous Fistula**
İNAM O., ÖZKAN ARAT Y., YAVAŞ G. F., ARAT A.
AMERICAN JOURNAL OF OPHTHALMOLOGY, vol.206, pp.264-273, 2019 (SCI-Expanded)

XXVIII. **Intra-aneurysmal air after flow diversion treatment in intracranial aneurysms: incidence, characteristics and clinical significance**
ÖCAL O., ARAT A.
JAPANESE JOURNAL OF RADIOLOGY, vol.37, no.7, pp.549-554, 2019 (SCI-Expanded)

XXIX. **Transvenous Treatment of Carotid Aneurysms Through Transseptal Access**
Orlov K., ARAT A., Osiev A., Berestov V., AYTEMİR K., TOPÇUOĞLU M. A., ARSAVA E. M.
WORLD NEUROSURGERY, vol.124, pp.459-465, 2019 (SCI-Expanded)

XXX. **Endovascular Treatment of Superior Cerebellar Artery Aneurysms**
Acik V., Daglioglu E., Akmangit I., Alagoz F., Sayin B., ARAT A.
TURKISH NEUROSURGERY, vol.29, no.4, pp.564-569, 2019 (SCI-Expanded)

XXXI. **Endovascular treatment of true renal artery aneurysms: a single center experience**
Eldem G., Erdogan E., PEYNİRCİOĞLU B., ARAT A., BALKANCI F.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.25, no.1, pp.62-70, 2019 (SCI-Expanded)

XXXII. **Intermediate catheter placement distal to the cerebral aneurysm during flow diversion embolization with the Surpass device**
Topcuoglu O. M., ARAT A., PEKER A., Sarikaya B.
JOURNAL OF NEUROINTERVENTIONAL SURGERY, vol.10, no.12, 2018 (SCI-Expanded)

XXXIII. **Bioresorbable Vascular Scaffolds in Interventional Neuroradiology**
Arat A., DAĞLIOĞLU E., AKMANGİT I., PEKER A., Arsava M., TOPÇUOĞLU M. A., Belen D.
CLINICAL NEURORADIOLOGY, vol.28, no.4, pp.585-592, 2018 (SCI-Expanded)

XXXIV. **Usefulness of contrast-enhanced and TOF MR angiography for follow-up after low-profile stent-**

assisted coil embolization of intracranial aneurysms
AKKAYA S., Akca O., ARAT A., PEKER A., Balci S.
INTERVENTIONAL NEURORADIOLOGY, vol.24, no.6, pp.655-661, 2018 (SCI-Expanded)

XXXV. **Percutaneous Treatment of Scalp Arteriovenous Fistulas by Direct Puncture and Polydocanol Sclerotherapy Report of 2 Cases with Long-term Follow-up**
Cil B., Topcuoglu O. M., PEYNİRCİOĞLU B., ARAT A., VARGEL İ.
CLINICAL NEURORADIOLOGY, vol.28, no.4, pp.609-612, 2018 (SCI-Expanded)

XXXVI. **Hybrid vascular intervention for a giant cervical carotid artery aneurysm in a clopidogrel-hyporesponsive child**
ÖCAL O., YILMAZ M., PEYNİRCİOĞLU B., BİLGİNER B., PEKER A., ARAT A.
JOURNAL OF NEUROSURGERY-PEDIATRICS, vol.22, no.3, pp.265-269, 2018 (SCI-Expanded)

XXXVII. **Septal reduction therapy using nonalcohol agent in hypertrophic obstructive cardiomyopathy: Single center experience**
Asil S., Kaya B., CANPOLAT U., YORGUN H., Sahiner L., ÇÖTELİ C., Arat A., AYTEMİR K.
CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS, vol.92, no.3, pp.557-565, 2018 (SCI-Expanded)

XXXVIII. **Stent-assisted coiling of cerebral aneurysms with the Neuroform Atlas stent**
ÇAY F., PEKER A., ARAT A.
INTERVENTIONAL NEURORADIOLOGY, vol.24, no.3, pp.263-269, 2018 (SCI-Expanded)

XXXIX. **Progressive hematoma in anterior neck after endovascular treatment of middle cerebral artery aneurysm**
ANKAY YILBAŞ A., KANBUROĞLU Ç., ÜZÜMCÜGİL F., ÇİFCİ C., Saralp Ö., Karagoz H., AKINCI S. B., ARAT A.
REVISTA BRASILEIRA DE ANESTESIOLOGIA, vol.68, no.2, pp.194-196, 2018 (SCI-Expanded)

XL. **Angiographic Microcirculatory Obstructions Distal to Occlusion Signify Poor Outcome after Endovascular Treatment for Acute Ischemic Stroke**
ARSAVA E. M., Arat A., TOPÇUOĞLU M. A., PEKER A., Yemisci M., DALKARA T.
TRANSLATIONAL STROKE RESEARCH, vol.9, no.1, pp.44-50, 2018 (SCI-Expanded)

XLI. **Catch Plus thrombectomy device in acute stroke: initial evaluation**
PEKER A., ARSAVA E. M., TOPÇUOĞLU M. A., ARAT A.
JOURNAL OF NEUROINTERVENTIONAL SURGERY, vol.9, no.12, pp.1214-1219, 2017 (SCI-Expanded)

XLII. **Flow Diverters in the Treatment of Pediatric Cerebrovascular Diseases.**
Barburoglu M., Arat A.
AJNR. American journal of neuroradiology, vol.38, no.1, pp.113-118, 2017 (SCI-Expanded)

XLIII. **Tapered Flow Diverters in the Treatment of Intracranial Aneurysms**
PEKER A., AKGÜL E., Daglioglu E., Akmangit I., Kaya T., Belen D., ARAT A.
TURKISH NEUROSURGERY, vol.27, no.6, pp.863-866, 2017 (SCI-Expanded)

XLIV. **Silk Device for the Treatment of Intracranial Aneurysms, Part 2: Factors Related to Clinical and Angiographic Outcome**
Kaya T., Daglioglu E., Gurkas E., Akmangit I., PEKER A., Belen D., Dede D., ELHAN A. H., Arat A.
TURKISH NEUROSURGERY, vol.26, no.4, pp.533-537, 2016 (SCI-Expanded)

XLV. **Silk Device for the Treatment of Intracranial Aneurysms. Part 1: Peri-Procedural Results, Technical Aspects and Learning Curve**
Gurkas E., Kaya T., Daglioglu E., Akmangit I., Belen D., PEKER A., Dede D., Arat A.
TURKISH NEUROSURGERY, vol.26, no.4, pp.525-532, 2016 (SCI-Expanded)

XLVI. **Perioperative and follow-up results in carotid artery stenting with contralateral carotid occlusion**
PEKER A., SORGUN M. H., TOGAY IŞIKAY C., ARSAVA E. M., TOPÇUOĞLU M. A., ARAT A.
JAPANESE JOURNAL OF RADIOLOGY, vol.34, no.7, pp.523-528, 2016 (SCI-Expanded)

XLVII. **Flow Diversion in Middle Cerebral Artery Aneurysms: Is It Really an All-Purpose Treatment?**
Topcuoglu O. M., AKGÜL E., Daglioglu E., Topcuoglu E. D., PEKER A., Akmangit I., Belen D., Arat A.
World neurosurgery, vol.87, pp.317-27, 2016 (SCI-Expanded)

XLVIII. **Stent-Assisted Coiling of Wide-Neck Intracranial Aneurysms Using Low-Profile LEO Baby Stents: Initial and Midterm Results**

Aydin K., Arat A., Sencer S., Barburoglu M., Men S.
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.36, no.10, pp.1934-1941, 2015 (SCI-Expanded)

XLIX. **Cerebrovascular complications of transorbital penetrating intracranial injuries**
Arat Y. O., ARAT A., Aydin K.
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.21, no.4, pp.271-278, 2015 (SCI-Expanded)

L. **Angiographic Morphometry of Internal Carotid Artery Circulation in Turkish Children**
Arat Y. O., ARAT A., Aydin K.
TURKISH NEUROSURGERY, vol.25, no.4, pp.608-616, 2015 (SCI-Expanded)

LI. **Comparison of the Toxicities of Ethylene Vinyl Alcohol Copolymer Preparations, Dimethyl Sulphoxide and N-Butyl 2-Cyanoacrylate on Cerebral Parenchyma in an Experimental Rabbit Model**
Ozdol C., Turk C. C., Hazer D. B., Yildirim A. E., ARAT A., ATİLLA P., Muftuoglu S., Oruckaptan H.
TURKISH NEUROSURGERY, vol.25, no.3, pp.446-452, 2015 (SCI-Expanded)

LII. **Treatment of ruptured blood blister-like aneurysms with flow diverter SILK stents**
Aydin K., ARAT A., Sencer S., HAKYEMEZ B., Barburoglu M., Sencer A., Izgi N.
JOURNAL OF NEUROINTERVENTIONAL SURGERY, vol.7, no.3, pp.202-209, 2015 (SCI-Expanded)

LIII. **Dual Stenting Using Low-Profile LEO Baby Stents for the Endovascular Management of Challenging Intracranial Aneurysms**
Akmangit I., Aydin K., Sencer S., Topcuoglu O. M., Topcuoglu E. D., Daglioglu E., Barburoglu M., Arat A.
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.36, no.2, pp.323-329, 2015 (SCI-Expanded)

LIV. **The Therapeutic Value of Pro anthocyanidin in Experimental Cerebral Vasospasm Following Subarachnoid Hemorrhage**
Tekiner A., Yilmaz M. B., Polat E., Goker T., SARGON M. F., ARAT A.
TURKISH NEUROSURGERY, vol.24, no.6, pp.885-890, 2014 (SCI-Expanded)

LV. **Preliminary Experience with Squid: A New Liquid Embolizing Agent for AVM, AV Fistulas and Tumors**
Akmangit I., Daglioglu E., Kaya T., Alagoz F., Sahinoglu M., Peker A., Derakshani S., Dede D., Belen D., ARAT A.
TURKISH NEUROSURGERY, vol.24, no.4, pp.565-570, 2014 (SCI-Expanded)

LVI. **Percutaneous management of peripheral vascular malformations: a single center experience**
Turkbey B., PEYNİRCİOĞLU B., Arat A., CANYİĞİT M., Ozer C., Vargel I., BALKANCI F., Cil B.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.17, no.4, pp.363-367, 2011 (SCI-Expanded)

LVII. **Focused RF hyperthermia using magnetic fluids**
Tasci T. O., Vargel I., Arat A., Guzel E., KORKUSUZ P., Atalar E.
MEDICAL PHYSICS, vol.36, no.5, pp.1906-1912, 2009 (SCI-Expanded)

LVIII. **Management of vertebral stenosis complicated by presence of acute thrombus**
Canyigit M., Arat A., Cil B. E., Sahin G., Turkbey B., Elibol B.
CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY, vol.30, no.2, pp.317-320, 2007 (SCI-Expanded)

LIX. **Distal embolization after stenting of the vertebral artery: Diffusion-weighted magnetic resonance imaging findings**
Canyigit M., Arat A., Cil B. E., Turkbey B., Saatci I., Cekirge S., Balkanci F.
CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY, vol.30, no.2, pp.189-195, 2007 (SCI-Expanded)

LX. **Treatment of a superior sagittal sinus dural artericivenous fistula with onyx: Technical case report**
Arat A., Inci S.
NEUROSURGERY, vol.59, no.1, pp.169-170, 2006 (SCI-Expanded)

LXI. **treatmentof a supe arteriovenous fistularior sagittal sinuswith onyx: technical case report**
ARAT A., İNCİ M. S.
Neurosurgery, vol.59, pp.420-422, 2006 (SCI-Expanded)

Articles Published in Other Journals

I. **Carotid Artery-Cavernous Segment Injury during an Endoscopic Endonasal Surgery: A Case Report**

and Literature Review of the Overlooked Option for Surgical Trapping in the Hyperacute Phase
KAHILOĞULLARI G., Bahadir B., BOZKURT M., Akcalar S., BALCI S., ARAT A.
JOURNAL OF NEUROLOGICAL SURGERY REPORTS, vol.82, no.04, 2021 (ESCI)

II. **Vessel-wall Imaging for Primary Angiitis of Central Nervous System Diagnosis**
ÖGE D. D., ARSAVA E. M., Karaosmanoglu A. A., Aghamirzayeva K., GÖÇMEN R., KARLI OĞUZ H. K., HANALİOĞLU Ş., ARAT A., KARADAĞ Ö., TOPÇUOĞLU M. A.
TURKISH JOURNAL OF NEUROLOGY, vol.27, no.1, pp.95-97, 2021 (ESCI)

III. **Clinical challenges associated with the endovascular treatment of acute stroke in a patient with infective endocarditis.**
Settarzade E., Peker A., Topcuoglu M. A., Arsava E. M., Demircin M., Arat A.
Journal of cerebrovascular and endovascular neurosurgery, vol.22, pp.176-181, 2020 (Peer-Reviewed Journal)

IV. **The Exchange-Free Technique: A Novel Technique for Enhancing Surpass Flow Diverter Placement.**
Ocal O., Arat A.
Asian journal of neurosurgery, vol.15, pp.620-626, 2020 (Peer-Reviewed Journal)

V. **Can Convexity Subarachnoid Hemorrhage be Caused by Rupture of a Saccular Aneurysm?**
Okar S., Arat A., Arsava E. M., Peker A., Berker M., Topcuoglu M. A.
Journal of vascular and interventional neurology, vol.10, pp.1-3, 2018 (Peer-Reviewed Journal)

VI. **The effect of carotid artery stenting on capillary transit time heterogeneity in patients with carotid artery stenosis**
Arsava E. M., Hansen M. B., KAPLAN B., PEKER A., GÖÇMEN R., ARAT A., Oguz K. K., TOPÇUOĞLU M. A., Ostergaard L., DALKARA T.
EUROPEAN STROKE JOURNAL, vol.3, no.3, pp.263-271, 2018 (ESCI)

VII. **Yenidoğan Döneminde Kalp Yetmezliği Bulguları İle Seyreden Arterio-Venöz Malformasyon Galen Ven Anevrizması**
BOZKAYA D., ÇELİK H. T., ARAT A., YİĞİT Ş., YURDAKÖK M.
Jinekoloji-Obstetrik ve Neonatoloji Tıp Dergisi, vol.15, no.3, pp.120-124, 2018 (Peer-Reviewed Journal)

VIII. **Akut iskemik inme: Mekanik trombektomi cihazı olarak "stentriever" kullanımı.**
PEKER A., ARSAVA E. M., TOPÇUOĞLU M. A., ARAT A.
Türkiye Klinikleri Radyoloji Özel Dergisi, vol.10, 2017 (Peer-Reviewed Journal)

IX. **Dual Mechanical Thrombectomy for Recanalization of a Resistant Acute Posterior Circulation Stroke**
PEKER A., KARAOSMANOĞLU A., ARSAVA E. M., TOPÇUOĞLU M. A., ARAT A.
Journal of Cerebrovascular and Endovascular Neurosurgery, vol.19, pp.96, 2017 (Peer-Reviewed Journal)

X. **Acute Middle Cerebral Artery Occlusion Treated by Thrombectomy in a Patient with Myelodysplastic Syndrome and Severe Thrombocytopenia**
ONDER H., ARSAVA E. M., ARAT A., TOPÇUOĞLU M. A.
Journal of Vascular and Interventional Neurology, vol.8, pp.22-26, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Quantification of the flow diversion effect provided by the braided intracranial stents**
ÇAY F., ARAT A.
ASNR Annual Meeting 2023, Şikago, United States Of America, 29 April - 03 May 2023

II. **PB-16 Geçici Serebral İskemi Modelinde İntrakarotid Sodyum Tiyopentalin Etkilerinin Değerlendirilmesi**
GÖKTEN M., ZIRH S., BİLGİNER B., ARAT A., Firik F. İ. T., MÜFTÜOĞLU S. F.
EMK 2019 / 24.ULUSAL ELEKTRON MİKROSKOPİ KONGRESİ, Edirne, Turkey, 24 - 26 April 2019

III. **Perioperative Result of Carotid Artery Stenting in Patients with Atherosclerotic Extracranial Internal Carotid Artery near Occlusion**
ÇAY F., ARSAVA E. M., ÇİL B. E., TOPÇUOĞLU M. A., ARAT A.
RSNA (Radiological Society of North America) 2018 Meeting, Şikago, United States Of America, 25 - 30 November

2018

IV. **"DISTAL ONLY APPROACH" IN ACUTE MCA STROKES WITH TANDEM ICA OCCLUSION**
PEKTEZEL M. Y., PEKER A., GÖÇMEN R., TOPÇUOĞLU M. A., ARSAVA E. M., ARAT A.
The 4th European Stroke Organisation Conference (ESOC 2018), Gothenburg, Sweden, 16 - 18 May 2018, vol.3, pp.3-204

V. **Kanamamış MCA bifurkasyon anevrizmalarının endovasküler tedavisinde akım çevirici cihazların etkinlik ve güvenliği**
IŞIKAY A. İ., PEKER A., ŞENTÜRK Y. E., ÖGE H. K., ARAT A.
TND 32. Bilimsel Kongresi, Turkey, 20 - 24 April 2018, vol.1

VI. **YENİDOĞAN DÖNEMİNDE KALP YETMEZLİĞİ BULGULARI İLE SEYREDEN ARTERİO-VENÖZ MALFORMASYON GALEN VEN ANEVRİZMASI**
BOZKAYA D., ÇELİK H. T., ARAT A., YİĞİT Ş., YURDAKÖK M.
26. Ulusal Nepnatoloji Kongresi, Girne, Cyprus (Kktc), 14 - 18 April 2018

VII. **The Topography and Predictors of Blood BrainBarrier Disruption After Carotid Artery Stenting**
KAPLAN B., GÖÇMEN R., PEKER A., KARLI OĞUZ H. K., ARAT A., TOPÇUOĞLU M. A., ARSAVA E. M.
INTERNATIONAL STROKE CONFERENCE 2018, Los-Angeles, United States Of America, 24 - 26 January 2018

VIII. **KAROTİD ARTER STENTLENMESİ SONRASI GÖZLENEN KAN BEYİN BARİYERİ BOZUKLUKLARININ İNCELENMESİ**
KAPLAN B., GÖÇMEN R., PEKER A., KARLI OĞUZ H. K., ARAT A., TOPÇUOĞLU M. A., ARSAVA E. M.
53. Ulusal Nöroloji Kongresi-Uluslararası Katılımlı, Turkey, 24 - 30 November 2017

IX. **Hybrid surgical and endovascular treatment of a giant cervical carotid aneurysm in a child**
ÖCAL O., YILMAZ M., PEKER A., BİLGİNER B., PEYNİRCİOĞLU B., ARAT A.
WFITN 2017- 14th Congress of the World Federation of Interventional and Therapeutic Neuroradiology, Budapest, Hungary, 16 - 19 October 2017, vol.23, pp.60-335

X. **Endovascular Treatment of 102 Unruptured Middle Cerebral Artery Bifurcation Aneurysms**
PEKER A., IŞIKAY A. İ., PEKER E., ÖGE H. K., ARAT A.
WFNS 2017 XVI. World Congress of Neurosurgery, 20 - 25 August 2017, vol.27, pp.153

XI. **Pressure-related immediate compromise of side branches in bifurcation aneurysms trated by flow diverters**
ŞENTÜRK Y. E., ÇAY F., PEKER A., ÖCAL O., ARAT A.
SNIS 14th Annual Meeting, United States Of America, 24 - 27 July 2017, vol.9

XII. **CHARACTERISTIC FEATURES OF SNEDDON'S SYNDROME ASSOCIATED CEREBROVASCULAR DISEASE**
Yilmaz E., ARSAVA E. M., KARLI OĞUZ H. K., GÖÇMEN R., ARAT A., TOPÇUOĞLU M. A.
3rd European Stroke Organisation Conference, 22 May 2017

XIII. **CAROTID ARTERY STENTING IMPROVES CAPILLARY TRANSIT TIME HETEROGENEITY IN PATIENTS WITH CAROTID ARTERY STENOSIS**
ARSAVA E. M., HANSEN M., KAPLAN B., ARAT A., PEKER A., GÖÇMEN R., KARLI OĞUZ H. K., TOPÇUOĞLU M. A., L O., DALKARA T.
3rd European Stroke Organisation Conference (ESOC 2017)v, Czech Republic, 16 - 18 May 2017, vol.2, pp.98-476

XIV. **Rüptüre olmamış orta serebral arter bifurkasyon anevrizmalarının endovasküler tedavisi**
PEKER A., IŞIKAY A. İ., ÖGE H. K., AKGÖZ A., AKMANGİT İ., ARAT A.
TND 30. Bilimsel Kongresi, Turkey, 8 - 12 April 2016, vol.26, pp.88

XV. **Anesthetic Management of an Infant with Iatrogenic Cushing s Syndrome**
ANKAY YILBAŞ A., Özen Saralp Ö., Cifci C., AKÇA B., ARAT A., KARAGÖZ A. H.
ESPA, 17 - 19 September 2015

XVI. **Progressive Hematoma in Anterior Neck After Endovascular Treatment of Middle Cerebral ArteryAneursym**
KARAGÖZ A. H., ANKAY YILBAŞ A., ÜZÜMCÜGİL F., ARAT A.
espa congress 2015, İstanbul, Turkey, 17 - 19 September 2015

XVII. **Manyetik sıvı kullanılarak yapılan odaklanmış radyo dalga ablasyon sistemi**
GÜZEL MEYDANLI E. E., KORKUSUZ P., VARGEL İ., ARAT A., ATALAR E.

Uluslararası Katılımlı IX. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 20 - 23 May 2008

XVIII. **Novel magnetic fluid hyperthermia system leading to the focused heating of tumors**
VARGEL İ., ARAT A., GÜZEL MEYDANLI E. E., KORKUSUZ P., ATALAR E.
World Comference on Interventional Oncology, 14 - 17 May 2007

Metrics

Publication: 90
Citation (WoS): 426
Citation (Scopus): 347
H-Index (WoS): 11
H-Index (Scopus): 9

Non Academic Experience

University of Wisconsin
Baylor College of Medicine
Baylor College of Medicine
Georgetown University